

100-1423

2/7/2014

1/10



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:  
100-1423

Date of Issuance:  
FEB - 7 2014

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:  
Unconditional

Name of Pesticide Product:  
A16901B Residential Insecticide

Name and Address of Registrant (include ZIP Code):

John Abbott  
Syngenta Crop Protection, LLC  
PO Box 18300  
Greensboro, NC 27419

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5). You must:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No 100-1423."

Signature of Approving Official:

Meredith Laws, Chief  
Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

02/07/2014

2/10

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of the label stamped "accepted with comments" is enclosed for your records. Please also note that the record for this product currently contains the following Confidential Statements of Formula (CSFs):

- Basic CSF, dated 6/24/2011
- Alternate #1 CSF, dated 9/28/2012
- Alternate #2 CSF, dated 9/28/2012
- Alternate #3 CSF, dated 9/28/2012
- Alternate #4 CSF, dated 6/24/2011

If you have any questions, please contact Tom Harris at 703-308-9423 or [harris.thomas@epa.gov](mailto:harris.thomas@epa.gov).

Meredith Laws, Chief  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

Sale, use, and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

**A16901B Residential**

Insecticide

For Outdoor Applications to Residential Landscape Plants

Active Ingredient:

Thiamethoxam<sup>1</sup> ..... 20.0%

Cyantraniliprole<sup>2</sup> ..... 20.0%

Other Ingredients: ..... 60.0%

Total: ..... 100.0%

<sup>1</sup>CAS No. 153719-23-4

<sup>2</sup>CAS No. 736994-63-1

A16901B Residential is a water-dispersible granule.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use on label.

EPA Reg. No. 100-RUEG

EPA Est. [Placeholder]

SCP (DRAFT NEW PRODUCT-F)

[Net contents placeholder]

Net Weight

Non-refillable container

ACCEPTED  
With COMMENTS  
In EPA Letter Dated:  
**FEB - 7 2014**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg. No:

100-1423

000100-0RUEG.20120927F.A16901BResidential

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call <b>1-800-888-8372</b> <i>[alternate phone number]</i>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling, and before drinking, eating, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves (such as natural rubber, Selection Category A).

**Environmental Hazards**

This pesticide is toxic to wildlife and highly toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds and may cause possible effects to pollinators from exposure to translocated residues in blooming crops. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging in/or adjacent to the treatment area.

## PROTECTION OF POLLINATORS



**APPLICATION RESTRICTIONS** EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.



Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

**This product can kill bees and other insect pollinators.**

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at:

<http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to:

[www.aapco.org/officials.html](http://www.aapco.org/officials.html). Pesticide incidents should also be reported to the National Pesticide Information Center at: [www.npic.orst.edu](http://www.npic.orst.edu) or directly to EPA at: [beekill@epa.gov](mailto:beekill@epa.gov)

- **Surface Water Advisory**

This product may impact surface water quality due to spray drift and runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months after application. Avoid accidental or intentional application of this product to ditches, swales, drainage ways or impervious surfaces such as driveways. Runoff of this product will be reduced by avoiding applications when rainfall is forecast to occur within 48 hours. (See manual at the following internet address:  
<http://www.wsi.nrcs.usda.gov/products/W2Q/pest/core4.html>.

- **Ground Water Advisory**

This product has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.

- **Spray Drift Advisory**

Do not allow this product to drift.

---

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

---

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product: Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

- Do not apply A16901B Residential while bees are foraging. Do not apply A16901B Residential to plants that are flowering. Only apply after all flower petals have fallen off.
- Do not allow people and pets to re-enter until the treated area has been allowed to dry.
- Do not use kitchen utensils such as measuring cups and spoons for food purposes after use with pesticides.
- Do not make applications during rain.
- Do not make ground applications within 25' of lakes, rivers, reservoirs, permanent streams, marshes, natural ponds, estuaries, or coastal areas. Do not cultivate within 25' of the aquatic area to allow growth of a vegetative filter strip.
- Sale, use, and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

---

## HOW TO APPLY

- **Determine size of spraying job.** For application to landscape ornamental plants, determine the area to be sprayed.
- **Carefully measure and mix** the amount of product and water as indicated in the use directions. Always wear water-resistant gloves when handling pesticides.
- **Spray as directed.** Thorough coverage is important. Do not over wet.
- **Flush sprayer** with clean water after each use.

---

## ORNAMENTAL TREES, SHRUBS AND FLOWERS

### Plant Safety

A16901B Residential is safe on most ornamental plants. However, applications of A16901B Residential to yellow varieties of Honey Locust (*Gleditsia triacanthos*) may result in leaf chlorosis and abscission (yellowing and dropping). The effects are temporary.

### Pests controlled

- Aphids
- Whiteflies
- Leafminers



[logo optional]

**How to apply**

- Measure 1 teaspoon of A16001B Residential and add to a 1-gallon size (or larger) pump-style sprayer.
- Add 1 gallon of water to the sprayer.
- Close the sprayer and shake well.
- Pressurize the sprayer.
- Adjust nozzle to achieve a medium to coarse spray pattern and apply as a thorough cover spray.
- Re-pressurize the sprayer as needed to maintain a good spray pattern.
- 1 gallon treats plants in a 400 square feet area.

**Use Tips for Ornamentals**

- Apply before insect populations are high.
- Apply to both sides of plant leaves and all plant surfaces where insects are present.
- A second application may be made 7 days after the initial application if insects are still present.
- Do not make more than 2 applications per growing season.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage**

Store in a cool, dry place.

**Pesticide Disposal and Container Handling** *(consumer products)*

**Nonrefillable container.** Do not reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or [1-800-888-8372] [Alternate phone number] for disposal instructions. Never place unused product down any indoor or outdoor drain.

[Product name], the ALLIANCE FRAME, the SYNGENTA logo, and the PURPOSE ICON are trademarks of a Syngenta Group Company

©201\_

For non-emergency (e.g., current product information) call  
Syngenta Crop Protection at 1-800-334-9481.

- Manufactured for:
- Syngenta Crop Protection, LLC
- P.O. Box 18300
- Greensboro, North Carolina 27419-8300